

APRIL/MAY 2024

**CMB51 — MEDICAL BACTERIOLOGY AND  
MYCOLOGY**

Time : Three hours

Maximum : 75 marks

**SECTION A — (10 × 2 = 20 marks)**

Answer ALL the questions.



1. Define infection.
2. What is Parenteral Route?
3. Define pathogenicity.
4. Write the size of clostridium tetani.
5. Mention any two cultures characteristics of vibrio.
6. What is the shape of Rickettsia?
7. Mention any two medically important fungi.
8. Define antibiotics.
9. Define Dermatophytes.
10. Mention the disease caused by Trichophyton.

SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Write short notes on three types of parasite relationships.

Or

- (b) Brief note on the secondary infection.

12. (a) Write in brief about morphology and culture characteristics of staphylococcus aureus.

Or

- (b) Give a brief account on morphology and cultural characteristics of Neisseria gonorrhoeae.

13. (a) Write a short notes on general characteristics of Rickettsiae.

Or

- (b) Briefly explain the cultural character, pathogenicity of Treponema.

14. (a) Discuss about the medical importance of yeast.

Or

- (b) Infer note on cryptococcus neoformans.

15. (a) Briefly explain the superficial mycosis.

Or

- (b) Write a short note on Mycetoma.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss in detail about the collection ad transport of Blood Specimen.

17. Explain in detail about morphology, cultural characteristics and pathogenicity of streptococcus pyogenes.

18. Give elaborate account on haemophilus influenzae.

19. Discuss in detail about morphology and classification of candida albicans.

20. Explain in detail about coccidiomycosis.